Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Panasonic

High Performance Fieldbus Slave Units

Slave Units for FPΣ (Sigma) and FP2

Slave units for
PROFIBUS DP
FP2-DPV1-S
FPG-DPV1-S

Slave units for
DeviceNet
FP2-DEV-S
FPG-DEV-S

Slave units for
CANopen
FP2-CAN-S
FPG-CAN-S

Slave units for
PROFINET IO
FP2-PRT-S
FPG-PRT-S

Slave units for
BACnet
FPG-BACIP-S
FPG-BACMSTP-S

Slave unit for PROFIBUS DP
(FP0/FP0R expansion unit
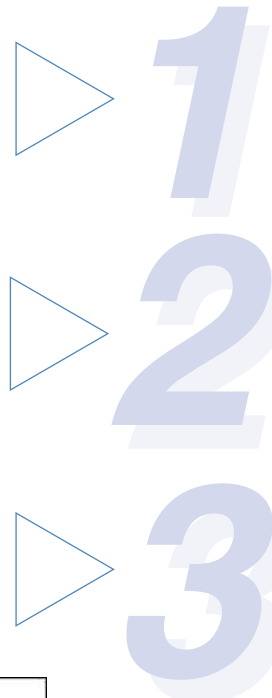also compatible with FP-X)
FP0-DPS2

Fieldbus Slave Units (FSU) are powerful additions to the FP-series families FP2 and FPΣ (Sigma).
Currently. FSUs are available for PROFIBUS, DeviceNet, CANopen, PROFINET for both families,and
BACnet-MSTP and BACnet/IP can be used by FPΣ (Sigma). Other field bus units are planned.

• Wide range of connectivity solutions for FPΣ (Sigma) and FP2
• One PLC hardware platform for several bus systems
• Gateway function between fieldbus types simply by connecting the corresponding
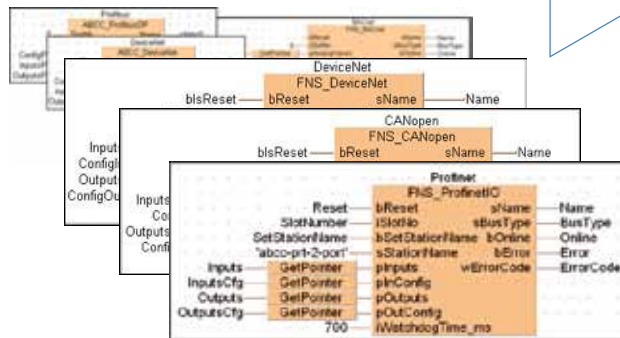 expansion units to the same CPU

Select network

Download free slave data

PROFIBUS DP	GSD file
DeviceNet	EDS file
CANopen	EDS file
PROFINET IO	XML file

Download free, ready-made library PEW_FNS.sul

All the slave data files and ready-made function libraries can be downloaded free of charge from **www.panasonic-electric-works.com**

The function libraries are used for the programming software Control FPWIN Pro. These libraries drastically shorten the time needed to develop your applications, and consequently save valuable human resource costs. They also include a complete online help file and programming examples.

FSU (Fieldbus Slave Units) specifications:

Item	PROFIBUS DP	DeviceNet	CANopen	PROFINET IO	BACnet	
Part nr.	FP2-DPV1-S FPG-DPV1-S FP0DPS2	FP2-DEV-S FPG-DEV-S	FP2-CAN-S FPG-CAN-S	FP2-PRT-S FPG-PRT-S	BACnet/IP	BACnet-MSTP
Baud rate	• Automatic baud rate detection • 9.6kbaud to 12Mbaud	• Automatic baud rate detection • 125kbps to 500kbps	• Automatic baud rate detection • 10kbps to 1Mbps	• 100Mbps, full duplex (fixed)	• 10/100Mbps half/full duplex	• 9600, 19200, 38400, 76800 kbps
Isolation	Galvanically isolated bus electronics	Galvanically isolated bus electronics	Galvanically isolated bus electronics	Galvanically isolated bus electronics	Electrically isolated bus electronics	
Connection types	DP-V0: process data is accessed from the PROFIBUS network as cyclical I/O data	• Cyclic connections • COS (Change of State) • Bit strobe connections • Polled connections • Explicit connections	PDO (Process Data Object) Exchange via: • Cyclic Synchronous • Acyclic Synchronous • COS (Change of State) • Timer-driven connections	PROFINET IO conformance class B Cyclic Data Exchange via PROFINET IO Real Time (RT) communication, 2ms cycle time	• Change of Value (COV) notification und alarm/event functionality • BASIC profile with data sharing functionality • Analog, binary and multi-state value object types	• Change of Value (COV) notification and alarm/event functionality • BASIC profile with data sharing functionality • Analog, binary and multi-state value object types
Maximum inputs / outputs	• 76 words altogether for inputs and outputs • (in units of 1, 2 or 4 words) • FP0DPS2: 6 words / 6 words	E. g. for cyclic connections: 128 words in each direction	Data 128 words (for TPDOs and RPDOs)	128 words of Real Time I/O data, in each direction	256-byte input data (to the server)	
Additional features	Diagnostic support	• UCMM capable • CIP parameter object • Diagnostic support	Diagnostic support	Diagnostic support	Diagnostic function	
Interface	DB9F (9-pin Sub-D female)	5-pin terminal block	DB9F (9-pin Sub-D male)	Integrated 2-port switch: 2 x RJ45 socket	2 x RJ45 connector with integrated 2-port switch	5-pin screw terminal type
Weight	FP2-DPV1-S: 119g FPG-DPV1-S: 92g FP0DPS2: 80g	FP2-DEV-S: 120g FPG-DEV-S: 93g	FP2-CAN-S: 120g FPG-CAN-S: 93g	FP2-PRT-S: 119g FPG-PRT-S: 92g	92g	
Volume (WxHxD)	FP2-DPV1-S: 27.7x100x93mm FPG-DPV1-S: 30x90x60mm FP0DPS2: 25x90x60mm	FP2-DEV-S: 27.7x100x93mm FPG-DEV-S: 30x90x60mm	FP2-CAN-S: 27.7x100x93mm FPG-CAN-S: 30x90x60mm	FP2-PRT-S: 27.7x100x93mm FPG-PRT-S: 30x90x60mm	30 x 90 x 60 mm	

You can find further information on our homepage: www.panasonic-electric-works.com